

Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Vertical Device With Optimal Trench Shape

the specification of which (check one)

☒ is attached hereto.

☐ was filed on _____ as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above- identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number

Country

Day/Month/Year

Priority Claimed

N/A

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
N/A		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Joseph P. Abate, Registration No. 30,328; Jay H. Anderson, Registration No. 38,371; Ira D. Blecker, Registration No. 29,894; Steven Capella, Registration No. 33,086; James J. Cioffi, Registration No. P51,564; Harold H. Huberfeld, Registration No. 26,665; Todd M. C. Li, Registration No. 45,554; Anthony N. Magistrale, Registration No. 35,595; Margaret A. Pepper, Registration No. 45,008; H. Daniel Schnurmann, Registration No. 35,791; Tiffany L. Townsend, Registration No. 43,199; all of INTERNATIONAL BUSINESS MACHINES CORPORATION; John E. Hoel, Registration No. 26,279; Christopher A. Hughes, Registration No. 26,914; Edward A. Pennington, Registration No. 32,588; Joseph C. Redmond, Jr., Registration No. 18,753; all of MORGAN & FINNEGAN, L.L.P.

Send all correspondence to: Margaret A. Pepper, Intellectual Property Law, IBM Corporation, Dept. 18G, Building 300-482, 2070 Route 52, Hopewell Junction, New York 12533.

Direct Telephone Calls to: Margaret A. Pepper at 845-894-4713

Inventor: Thomas N. Adam
Signature: Thomas Adam
Residence: 44 Colburn Drive
Poughkeepsie, NY 12603

03/26/04
Date

Citizenship: Germany
Post Office Address: Same as residence.

Inventor: David C. Ahlgren
Signature: David C. Ahlgren
Residence: 112 Thornton Terrace
Wappingers Falls, NY 12590

3-26-2004
Date

Citizenship: US
Post Office Address: Same as residence.

Inventor: Kangguo Cheng
Signature: Kangguo Cheng
Residence: 35B Hudson View Drive
Beacon, NY 12508

March 25, 2004
Date

Citizenship: China
Post Office Address: Same as residence.

Inventor: Ramachandra Divakaruni

Signature:

Ramachandra Divakaruni

3/25/04
Date

Residence: 60 Sherwood Avenue
Ossining, NY 10562

Citizenship: US

Post Office

Address: Same as residence.